

# Iowa Crops & Weather



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## WEEK ENDING HEAVY RAIN

**Agricultural Summary:** Fair weather through most of the week was great for maturing the corn and soybean crops. Corn for grain harvest started and seed corn and silage harvest continued until heavy rain at week's end stopped fieldwork. Light corn lodging was reported throughout the state, while isolated wind and hailstorms caused moderate to severe damage primarily in the northwest quarter. Some farmers began their fourth cutting of alfalfa during the week.

There were 4.9 **days suitable for fieldwork** last week, compared to 5.7 days last year and the 5-year average of 5.9 days suitable. **Topsoil moisture** rated 2 percent very short, 12 percent short, 76 percent adequate, and 10 percent surplus. **Subsoil moisture** rated 6 percent very short, 26 percent short, 64 percent adequate, and 4 percent surplus statewide.

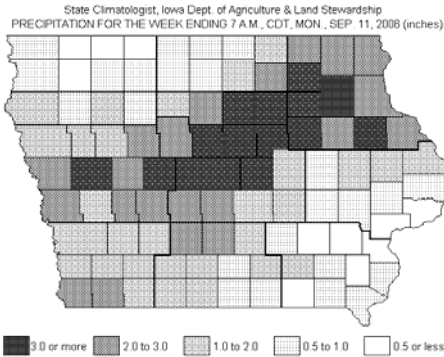
**Field Crops Report:** Virtually all the **corn was in or past dough stage**, ahead of the 5-year average. **Corn in or past dent stage** was 93 percent, 10 days ahead of last year and 8 days ahead of the 5-year average. **Corn mature** (safe from frost) was 29 percent, equivalent to both the previous year and the 5-year average. **Corn condition** was reported as 3 percent very poor, 8 percent poor, 24 percent fair, 45 percent good, and 20 percent excellent, remaining unchanged from the previous week. Seventy-two percent of the soybeans are **turning color**, 3 percentage points behind last year. **Soybeans dropping leaves** reached 29 percent for the state, 4 percentage points behind last year but 6 percentage points ahead of normal. **Soybean condition** was reported as 2 percent very poor, 5 percent poor, 19 percent fair, 54 percent good, and 20 percent excellent, improving slightly from the previous week. The **third alfalfa harvest** was reported 94 percent complete, same as last year, but 6 days ahead of

the 5-year average. **Hay condition**, improving slightly, was rated 2 percent very poor, 9 percent poor, 30 percent fair, 43 percent good, and 16 percent excellent.

**Livestock, Pasture and Range Report:** **Pasture and range** rated 2 percent very poor, 9 percent poor, 31 percent fair, 44 percent good, and 14 percent excellent. Pasture conditions continue to improve. No problems with livestock were reported.

## IOWA PRELIMINARY WEATHER SUMMARY

The past reporting week began with cool weather on Labor Day (4<sup>th</sup>) with highs mostly in the 70's and light rain showers over the eastern one-half of the state. Tuesday (5<sup>th</sup>) through Friday (8<sup>th</sup>) brought a slow warming trend with highs near 80 on Tuesday and in the low to mid 80's on Thursday and Friday. Dry weather prevailed during the work week excepting a few isolated thunderstorms across the northern one-third of Iowa on Friday (8<sup>th</sup>). A slow moving front brought highly contrasting temperatures over the weekend and heavy rainfall in some areas. Daytime highs on Saturday (9<sup>th</sup>) were only in the upper 50's northwest while the far southeast reached the low 80's. Sunday (10<sup>th</sup>) also saw highs only in the upper 50's northwest while upper 70's persisted over the far southeast. Rain dampened much of the southeast one-half of Iowa on Saturday with rain falling statewide on Sunday (10<sup>th</sup>). Heavy rain fell from west central into northeast Iowa on Sunday with 3 to 5 inch amounts common from Jefferson to Fayette. Rain totals for the week varied from 0.20 inches at Estherville to 6.29 inches at Dumont (Butler Co.). The statewide average precipitation was 1.77 inches or twice the weekly normal of 0.85 inches. Temperature extremes varied from a Tuesday (5<sup>th</sup>) morning low of 43° at Denison to Friday (8<sup>th</sup>) afternoon highs of 87 degrees at Burlington and Tripoli. Temperatures for the week as a whole averaged 0.9 degrees cooler than usual.



Statewide Crop Conditions as of September 10, 2006

Item	Very Poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
Corn	3	8	24	45	20
Hay, all	2	9	30	43	16
Range & Pasture	2	9	31	44	14
Soybeans	2	5	19	54	20

Statewide Harvesting Conditions as of September 10, 2006

Item	None	Light	Moderate	Heavy
	Percent	Percent	Percent	Percent
Corn lodging	73	18	7	2
Corn ear droppage	83	14	3	0

Field Work and Crop Progress as of September 10, 2006

Item	Districts									State	Last Week	Last Year	Normal
	NW	NC	NE	WC	C	EC	SW	SC	SE				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent				
Corn in or past dent stage	91	97	95	91	97	95	92	91	84	93	84	87	83
Corn mature (safe from frost)	20	33	38	16	33	28	37	36	37	29	14	31	30
Soybean leaves turning color	72	89	87	77	83	57	55	46	56	72	38	75	62
Soybeans dropping leaves	23	46	39	38	36	14	11	8	21	29	8	33	23
Hay, alfalfa - third crop harvested	99	100	95	96	100	96	99	95	91	94	92	94	88

Days Suitable & Soil Moisture Condition as of September 10, 2006

Item	Districts									State	Last Week	Last Year
	NW	NC	NE	WC	C	EC	SW	SC	SE			
Days suitable	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days	Days
	5.3	5.0	5.3	4.8	4.9	4.0	5.1	5.3	4.4	4.9	4.8	5.7
Topsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	4	2	2	0	1	0	1	3	2	2	2	22
Very short	16	10	15	12	4	1	9	25	23	12	13	31
Short	77	77	76	73	74	96	89	63	60	76	80	45
Adequate	3	11	7	15	21	3	1	9	15	10	5	2
Surplus												
Subsoil moisture	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
	7	5	6	3	5	4	2	12	13	6	6	27
Very short	22	19	25	29	15	26	29	41	31	26	30	29
Short	71	67	65	67	73	70	68	43	46	64	61	42
Adequate	0	9	4	1	7	0	1	4	10	4	3	2
Surplus												

Weather Summary For Iowa Agricultural Statistics Service Prepared by AWIS, Inc. For the week ending: Sunday, September 10, 2006										
STATION	CURRENT WEEK						SINCE APRIL 1		CURRENT WEEK	
	TEMPERATURE				PRECIPITATION		PRECIPITATION		GDD BASE 50F	
	HI	LO	AVG	DFN	TOTAL	DFN	TOTAL	DFN	TOTAL	DFN
North West District										
Estherville	83	47	64	2	0.01	-0.83	16.83	-1.70	100	14
Sioux Center	86	44	65	-1	0.32	-0.43	14.13	-4.09	104	-1
Spencer	85	44	64	0	0.04	-0.80	15.91	-3.52	98	4
Spirit Lake	81	50	63	0	0.36	-0.46	15.92	-2.43	92	-32
North Central District										
Britt	84	52	65	-2	0.02	-0.85	16.91	-3.25	103	-3
Humboldt	81	51	63	-3	0.87	-0.02	15.14	-5.65	94	-8
Mason City	85	50	65	2	0.17	-0.79	22.01	0.66	107	14
Osage	84	51	64	-1	0.24	-0.81	19.78	-2.07	98	-16
North East District										
Decorah	85	50	64	-2	0.96	-0.02	20.44	-0.49	102	-3
Dubuque	81	53	64	-1	1.31	0.12	23.11	0.59	99	1
Elkader	85	49	65	0	1.02	0.11	19.09	-1.72	103	-22
Fayette	85	51	64	-1	0.65	-0.27	19.68	-2.16	103	3
Waterloo	86	50	65	1	0.42	-0.42	18.07	-3.45	108	7
West Central District										
Carroll	84	46	65	0	0.75	-0.13	19.36	-2.58	108	3
Castana	84	47	65	-2	0.72	-0.15	16.75	-2.69	108	3
Guthrie Center	84	47	64	-3	1.88	0.92	25.42	3.84	101	-11
Harlan	84	47	65	-2	1.18	0.07	21.60	0.84	109	5
Jefferson	85	48	66	2	0.98	0.10	21.90	-0.04	112	7
Logan	85	49	65	-3	2.22	1.31	23.56	3.47	106	-13
Rockwell City	83	48	64	-3	0.96	0.05	17.30	-3.64	103	-10
Sac City	84	47	65	-1	0.64	-0.27	13.95	-6.60	104	2
Sioux City	85	47	65	-2	1.02	0.32	15.85	-1.11	106	-8
Central District										
Boone	84	49	65	-2	0.92	0.01	24.05	1.89	105	-5
Des Moines	85	54	68	1	1.52	0.63	19.41	-1.33	131	7
Grundy Center	85	50	65	2	0.59	-0.25	21.04	-0.26	109	15
Marshalltown	83	48	65	0	0.50	-0.45	21.61	-0.68	107	7
Newton	85	53	67	0	1.51	0.53	20.67	-0.40	119	5
Perry	84	50	65	0	0.81	-0.03	23.86	2.80	107	3
Toledo	84	49	65	0	0.14	-0.79	17.83	-4.68	104	1
East Central District										
Cedar Rapids	83	50	65	-2	1.49	0.51	17.10	-3.87	105	-6
Davenport	83	52	65	-3	0.00	-0.84	19.92	-0.73	108	-16
Iowa City	85	53	66	-3	0.56	-0.42	18.08	-4.91	115	-16
Lowden	86	50	65	-1	0.66	-0.39	20.80	-2.40	105	-5
Maquoketa	83	53	65	1	0.60	-0.45	28.59	7.44	107	7
Muscatine	85	53	66	-3	0.87	-0.04	23.77	2.29	116	16
South West District										
Atlantic	84	50	65	-1	1.71	0.73	26.05	6.26	107	0
Clarinda	83	47	63	-5	1.45	0.35	22.54	-1.06	96	-22
Glenwood	85	49	66	-2	1.46	0.48	21.44	-0.01	113	-12
Red Oak	84	48	65	-4	1.52	0.42	19.77	-3.51	110	-18
Sidney	84	51	67	-2	2.10	1.12	21.23	-0.83	123	-4
South Central District										
Allerton	83	52	66	-2	0.40	-0.71	19.77	-2.36	111	27
Beaconsfield	82	52	66	-2	0.42	-0.63	23.40	1.96	112	-3
Chariton	83	49	65	-2	1.30	0.12	22.54	-0.01	107	-8
Indianola	83	53	67	2	3.14	2.23	23.63	2.25	120	6
Leon	82	50	65	-2	0.28	-0.77	19.83	-2.55	108	-9
South East District										
Bloomfield	84	53	67	-2	0.39	-0.73	18.35	-4.16	120	-8
Burlington	87	54	68	0	0.04	-0.94	13.52	-7.34	130	4
Ottumwa	85	49	67	-2	1.10	0.07	17.18	-3.65	119	-8
Washington	85	51	66	-4	0.94	-0.04	20.75	0.39	113	8

Precipitation (rain, melted snow or ice) in inches. Precipitation Days = Days with precipitation of 0.01 inch or more. Air Temperatures in Degrees Fahrenheit. Copyright 2006: AWIS, Inc. All Rights Reserved.